Assignment 2

Lab Exercise (LE)

1. WAP to store n employees data such as employee name, gender, designation, department, basic pay. Calculate the gross pay of each employees as follows:

   Gross pay=basic pay + HR + DA

   HR=25% of basic, DA=75% of basic.

2. WAP to add two distances (in km-meter) by passing structure to a function.

3. Store information of 10 students using structure

4. Add two complex numbers by passing structures to a function

5. Calculate the difference between two time periods

6. Store information of n students using structures and Dynamic Memory Allocation.

7. C program to read a one dimensional array, print sum of all elements along with inputted array elements using Dynamic Memory Allocation.

Home Exercise (HE)

1. WAP to print all permutations of a given string using pointers.
2. WAP to replace every array element by multiplication of previous and next of an n element.
3. WAP to arrange the elements of an array such that all even numbers are followed by all odd numbers.
4. WAP to find the largest number and counts the occurrence of the largest number in an array of n integers using a single loop.